

Project Design Phase-I Proposed Solution Template

Team ID	PNT2022TMID36140
Project Name	Hazardous Area Monitoring For Industrial Plant Powered by IOT

Proposed Solution:

S.No	Parameter	Description
1.	Problem Statement (Problem to be solved)	<ul style="list-style-type: none">• Our project will give the solution to overcome these problems with help of IOT.• In industrial plant, there are two major problems one is unpredictable fire explosion and another one is the leakage of gas that have been damaged by industries.
2.	Idea / Solution description	<ul style="list-style-type: none">• It collects the data from different types of sensors and it sends the value to the main server.• The ultimate decision, whether to fire and the crop or not is taken by the industries using mobile application.
3.	Novelty / Uniqueness	<ul style="list-style-type: none">• It depends on IOT thus eliminating the need of physical work of industries and thus increasing the productivity in every possible manner.• The data are taken from the reliable source.
4.	Social Impact / Customer Satisfaction	<ul style="list-style-type: none">• The information collected are from reliable sources and hence the power plant could make more precise decision, thereby the productivity increases.
5.	Business Model (Revenue Model)	<ul style="list-style-type: none">• Power plant industries is an advanced and innovative way to get maximum to avoidance of explosion and minimize the human lives.
6.	Scalability of the Solution	<ul style="list-style-type: none">• With the use of sensors, it has enabled industries plant to reduce waste and increase output.